

1.0 Implementation of the Enhanced Flight Termination System at National Aeronautics and Space Administration Dryden Flight Research Center

This paper discusses the methodology, requirements, tests, and results of the implementation of the current operating capability for the Enhanced Flight Termination System (EFTS) at the National Aeronautics and Space Administration (NASA) Dryden Flight Research Center (DFRC). The implementation involves the development of the EFTS at NASA DFRC starting from the requirements to system safety review to full end to end system testing, and concluding with the acceptance of the system as an operational system. The paper discusses the first operational usage and subsequent flight utilizing EFTS successfully.

KEY WORDS: Enhanced Flight Termination System, Flight termination, Flight Termination Receiver, EFTS, EFTS Implementation

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